

For the PTO's convenience, claims that remain unchanged are included below in order to allow the Examiner to review all pending claims from this response in their numerical order.

Please cancel claims 1 to 51.

52. (Amended) A method of processing signals at a station, said station having a receiver for receiving a transmission, and a plurality of storage locations, each storage location capable of being commanded to store and output programming, said station capable of selecting between each of said plurality of storage locations and communicating said programming between each of said plurality of storage locations, said method comprising the steps of:

FI receiving an information transmission including programming comprising at least one of television, radio, video, audio, data, and computer programming;

demodulating said information transmission;

detecting said programming embedded in said information transmission;

storing said programming at a first storage location;

transferring said programming stored at said first location to a second location in response to a command;


storing said programming at said second storage location to enable said station to transfer said programming from said second storage location to a computer at a specific time or in response to said command.

NE. 53. (Unchanged) The method of claim 52 further comprising the steps of:
storing programming storage information indicating that said programming is stored in said first storage location, and

updating said programming storage information when said programming has been transferred to said second storage location.

54. (Unchanged) The method of claim 52 further comprising the step of embedding in said programming an identification signal identifying said programming, and said steps of storing including storing said programming with said embedded identification signal.

55. (Unchanged) The method of claim 54 further comprising the steps of:
communicating said programming and said embedded identification signal from said second storage location to said output device;
detecting said identification signal in said programming; and
recording information indicating that said programming was communicated.

 56. (Amended) The method of claim 52 further comprising the step of receiving and identifying a signal instructing said station to communicate said programming to an output device.

57. (Unchanged) The method of claim 56 further comprising the step of communicating, in response to said signal, said programming from said second storage location to said output device.

 Please cancel claim 58.

59. (Unchanged) A method of communicating signals in a network, said network including an origination station, at least one intermediate station that receives

and transmits said signals, and at least one subscriber station, said method comprising the steps of:

storing television programming at a first storage location, said television programming, including video and audio;

transferring, under computer control, said television programming from said first storage location to a second storage location at a selected one of said at least one intermediate station;

storing said television programming at said second storage location to enable said selected intermediate station to communicate said television programming from said second storage location to a selected one of said at least one subscriber station;

communicating a programming identification signal from said origination station to said selected intermediate station, said programming identification signal identifying said television programming stored at said second storage location;

detecting, at said selected intermediate station, said programming identification signal communicated from said origination station; and

communicating said television programming from said second storage location to said selected subscriber station based on said programming identification signal.

**Please cancel claims 60 to 65.**

66. (Unchanged) A method of processing signals at a station comprising the steps of:

receiving one of a broadcast and cablecast transmission;

demodulating said one of a broadcast and cablecast transmission, said one of a broadcast and cablecast transmission including an embedded signal;

detecting said embedded signal on said one of a broadcast and cablecast transmission;

selecting information stored at a first storage location in response to said embedded signal;

transferring said information from said first storage location to a second storage location based on said embedded signal, thereby providing a computer access to said information; said first storage location and said second storage location being capable of being commanded to store and output programming.

FB 67. (Amended) The method of claim 66, wherein said information includes at least one of television and radio programming, and wherein said step of selecting said information includes selecting said at least one of television and radio programming stored at said first storage location in response to said embedded signal; and wherein said step of transferring said information includes transferring, under computer control, said selected at least one of television and radio programming from said first storage location to said second storage location, and said method further comprising the step of:

communicating, under computer control, said at least one of television and radio programming stored at said second storage location to an output device in response to a second embedded signal on said one of a broadcast and cablecast transmission.

Please cancel ~~claims 68 to 71.~~

72. (Unchanged) A transmission station apparatus for communicating programming, said apparatus comprising:

a receiver for receiving an information transmission, said information transmission including said programming;

a first storage device connected to said receiver for storing said programming;

a second storage device connected to said first storage device, said second storage device storing said programming output by said first storage device;


a switch connected to said first storage device and said second storage device;
a computer connected to said first storage device, said second storage device, and said switch for controlling said first storage device to output said programming to said second storage device and controlling said second storage device to output said programming to said switch, said computer being capable of:

- (1) selecting a storage device to store said programming;
 - (2) commanding said switch to transfer said programming to said selected storage device; and
 - (3) commanding said selected storage device to store said programming; and
- a cable network connected to said switch for receiving said programming output from said second storage device and communicating said programming to a plurality of subscriber stations.

73. (Unchanged) The apparatus of claim 72, further comprising:
a signal encoder connected to said computer for encoding an identification signal on said programming;
a channel modulator connected to said switch and to said cable network, said channel modulator modulating said programming output by said second storage device through said switch, said cable network communicating said modulated programming to said subscriber; and
a verification circuit connected to at least one of said switch, said cable network, and said channel modulator for verifying at least one of the time, channel, and frequency of transmission of said programming, said verification circuit comprising a signal decoder for decoding, said encoded identification signal.

Please cancel claims ~~74~~ to ~~87~~.

88. **(Twice Amended)** A method for identifying television programming in one of a broadcast and cablecast transmission station that has a storage device having (i) at least two storage locations each capable of storing a television signal, and (ii) a control device capable of controlling said storage device and identifying said television programming on the basis of identification information stored at said storage device, said method comprising the steps of:

 inputting said identification information that identifies said television programming;

inputting said television programming to said storage device;

storing said television programming at a selected one of said at least two storage locations; and

storing said identification information with said television programming at said selected location; and

identifying said television programming on the basis of said identification information stored with said television programming.

89. **(Unchanged)** The method of claim 88 further comprising storing information that identifies said selected one of said at least two storage locations where said television programming is stored.

90. **(Unchanged)** A method for identifying television programming in a broadcast and cablecast transmission station that has storage means having a first and a second storage location, wherein said storage means is capable of holding at least two units of said television programming, and control means capable of controlling said storage means and for identifying a selected unit of television programming on the basis of identification information associated with said selected unit, said method comprising the steps of:

inputting identification information that specifies a unit of said television programming;

inputting said unit of said television programming associated with said inputted identification information;

identifying said unit of said television programming;

storing said unit at said first storage location; and

storing said identification information at said second storage location, thereby to enable said station to identify said unit stored in the first storage location on the basis of identification information stored in said second storage location.


Please cancel claims 91 to 105.

106. **(Twice Amended)** A method of communicating television program material to at least one receiver station including at least one of a broadcast and cablecast television receiver, a television monitor, a control signal detector, a processor operatively connected to said television monitor, said processor programmed to detect and respond to at least one instruct signal in at least one of a broadcast and cablecast transmission, said method comprising the steps of:

receiving a television program at a transmitter station and delivering said television program to a transmitter;

receiving said at least one instruct signal at said transmitter station, said at least one instruct signal at said at least one receiver station operates to select and control communication of a datum which identifies information included in said television program;

transferring said at least one instruct signal from said transmitter station to a transmitter; and

F5
concl. transmitting said television program and said at least one instruct signal from said transmitter station to said at least one receiver station.

Please cancel claim 107.

108. (Unchanged) A method of controlling a network having a remote intermediate transmitter station and at least one receiver station, with said remote intermediate transmitter station including at least one intermediate transmitter for transmitting a signal, a plurality of selective transfer devices each operatively connected to said at least one intermediate transmitter for communicating said signal, a receiver for receiving said signal from outside said network, an instruction detector, and a controller capable of controlling at least one of said plurality of selective transfer devices, and with said remote intermediate transmitter station adapted to (1) detect at least one instruction, (2) control communication of at least one signal in response to said at least one instruction, and (3) deliver said at least one signal to said at least one intermediate transmitter, said method comprising the steps of:

receiving said signal outside said network, said signal having at least one first instruction which is operative in said network to output said signal from a first storage location and store said signal at a second storage location;

receiving at least one second instruction outside said network, said at least one second instruction operative at said remote intermediate transmitter station to control communication of said signal; and

transmitting said signal and said at least one second instruction to said network before a specific time.

F6 109. (Amended) The method of claim 108, wherein television programming is communicated to and stored at said second storage location based on at least one of

said at least one first instruction and said at least one second instruction, said method further comprising the step of:

transmitting said television programming to at least one of said remote intermediate transmitter station and said at least one receiver station.

110. **(Amended)** The method of claim 108, wherein said network communicates at least one of a television transmission and a radio transmission, said method further comprising the step of embedding said signal in at least one of a non-visible portion of said television transmission and a non-audible portion of at least one of said television and said radio transmission.

111. **(Unchanged)** The method of claim 110, wherein said at least one receiver station stores at least a portion of said at least one of a television transmission and a radio transmission based on said signal.

112. **(Amended)** The method of claim 110, wherein said signal includes at least one of a code and a datum which identifies information included in said at least one of a television transmission and a radio transmission, said method further comprising the steps of:

processing said at least one of a code and a datum; and
transmitting said signal based on said step of processing.

113. **(Unchanged)** The method of claim 110, further comprising the step of comparing at least some of said at least one first instruction to at least a portion of said at least one second instruction.

114. (Unchanged) The method of claim 110, wherein said step of embedding is performed before at least a portion of said signal is transmitted to said remote intermediate transmitter station.

F8 115. (**Amended**) The method of claim 108, wherein said signal includes at least one of television and radio programming, said method further comprising the step of:

embedding said at least one first instruction and said at least one second instruction in at least one of a non-visible and a non-audible portion of said signal.

116. (Unchanged) The method of claim 115, wherein said step of embedding is performed before at least a portion of said signal is transmitted to said remote intermediate transmitter station.

F9 117. (**Amended**) The method of claim 108, wherein downloadable code including at least one of said at least one first instruction and said at least one second instruction is assembled in said network, said method further having at least one step from the group consisting of:

transmitting at least one of said at least one first instruction and said at least one second instruction in a plurality of signal words; and

transmitting at least two first instructions and said at least one second instruction to said network at different times.

118. (**Amended**) The method of claim 108, wherein data is at least one of assembled and communicated in said network based on said at least one first instruction and said at least one second instruction, said method further having at least one step from the group consisting of:

transmitting at least one of a code and a datum which is operative in said network to designate at least one of an information and a signal type to be at least one of assembled and communicated; and

transmitting at least one of a code and a datum which at least one of designates and identifies said data.

119. **(Amended)** The method of claim 118, wherein said data at least one of are transmitted from said remote intermediate transmitter station and include downloadable code.

120. **(Amended)** The method of claim 118, wherein a control signal is organized and operates in said network to at least one of designate and identify at least one of a location of at least one of said signal and said data and a source communicating at least one of said signal and said data.

121. **(Amended)** The method of claim 118, wherein said at least one first instruction includes said at least one of a code and a datum.

122. **(Amended)** The method of claim 118, wherein said at least one second instruction includes said at least one of a code and a datum, said method further comprising the step of:

transmitting a third instruction which is operative in said network to instruct comparison.

123. **(Unchanged)** The method of claim 108, wherein said specific time is a scheduled time of transmitting said signal from said remote intermediate transmitter station.

124. (Unchanged) The method of claim 108, wherein said plurality of selective transfer devices include a switch and a storage device, said method comprising the steps of:

transmitting at least one switch control instruction; and
transmitting at least one storage control instruction.

125. (Unchanged) The method of claim 108, wherein said plurality of selective transfer devices include a computer and a computer peripheral memory, said computer capable of communicating to a plurality of devices, said memory capable of storing said signal, said method further comprising the steps of:

transmitting at least one communication control instruction; and
transmitting at least one storage control instruction.

F10
126. (**Amended**) The method of claim 108, wherein said at least one second instruction comprises at least one of a code and a datum which operates at said remote intermediate transmitter station to identify said signal, said method further comprising the step of:

transmitting a schedule which operates at said remote intermediate transmitter station to communicate said signal to a separate transmitter.

127. (**Amended**) The method of claim 126, wherein said schedule controls communication of a plurality of signals of at least one of television, radio, data, and multimedia programming, said method further having at least one step from the group consisting of:

transmitting at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming;

transmitting at least one of a code and a datum which designates at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming;

F10
Concl. transmitting a fourth instruction which is operative in said network to output at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming from a storage location; and

transmitting a fifth instruction which is operative in said network to store at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming.

F11 128. **(Twice Amended)** The method of claim 126, wherein said schedule operates at said remote intermediate transmitter station to communicate said signal to at least one of a plurality of transmitters and said separate transmitter a plurality of times.

129. **(Amended)** The method of claim 108, wherein said second storage location is at said at least one receiver station, said method further having at least one step from the group consisting of:

F12 transmitting a sixth instruction which is operative to select at least one of said first storage location and said second storage location; and

transmitting a seventh instruction which is operative to designate said at least one receiver station to store said signal.

130. **(Unchanged)** A method of controlling a network having a remote intermediate transmitter station and at least one receiver station, with said remote intermediate transmitter station including at least one intermediate transmitter for transmitting at least one signal, a plurality of selective transfer devices each operatively connected to said at least one intermediate transmitter for communicating said at least

one signal, a receiver for receiving said at least one signal from outside said network, an instruction detector, and a controller capable of controlling at least one of said plurality of selective transfer devices, and with said remote intermediate transmitter station receiving said at least one signal, at least one first instruction, and at least one second instruction, said method comprising the steps of:

programming said remote intermediate transmitter station to control communication of and deliver said at least one signal at said at least one intermediate transmitter in response to at least one detected instruction;

programming said remote intermediate transmitter station to detect said at least one first instruction and said at least one second instruction; and

programming said network to detect and respond to an instruction which is operative in said network to output said at least one signal from a first storage location and store said at least one signal at a second storage location before a specific time.

F13 131. **(Amended)** The method of claim 130, wherein television programming is communicated to and stored at at least one of said first storage location and said second storage location based on at least one of said at least one first instruction and said at least one second instruction, said method further comprising the step of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to store television programming at a storage location in response to at least one of said at least one first instruction and said at least one second instruction received from a remote station.

132. **(Amended)** The method of claim 130, further comprising the step of:
programming at least one of said remote intermediate transmitter station and said at least one receiver station to detect at least one of said at least one first instruction and

said at least one second instruction embedded in at least one of a non-visible portion of a television transmission and a non-audible portion of a radio transmission.

133. **(Amended)** The method of claim 132, wherein said at least one receiver station stores at least a portion of at least one of said television and said radio transmission based on said at least one signal, said method further comprising the step of:

programming said at least one receiver station to select said at least a portion of at least one of said television transmission and said radio transmission by processing stored subscriber data.

134. **(Amended)** The method of claim 132, wherein said at least one signal includes at least one of a code and a datum which identifies information included in at least one of said television transmission and said radio transmission, said method further comprising the steps of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to process said at least one of a code and a datum; and

programming at least one of said remote intermediate transmitter station and said at least one receiver station to communicate said at least one signal to at least one of a storage device and an output device based on processing said at least one of a code and a datum.

135. **(Amended)** The method of claim 132, further comprising the step of:
programming at least one of said remote intermediate transmitter station and said at least one receiver station to compare at least some of said at least one first instruction to at least a portion of said at least one second instruction.

136. **(Amended)** The method of claim 132, further comprising the step of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to at least one of detect and identify an instruction based on a varying pattern of at least one of location, timing and composition.

137. **(Amended)** The method of claim 130, wherein said at least one signal includes at least one of television and radio programming, said method further comprising the step of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to identify said at least one first instruction and said at least one second instruction.

138. **(Amended)** The method of claim 137, further comprising the step of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to at least one of detect and identify an instruction based on a varying pattern of at least one of location, timing and composition.

139. **(Amended)** The method of claim 130, wherein executable code including said at least one first instruction and said at least one second instruction is assembled in said network, said method further having at least one step from the group consisting of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to assemble code based on at least one discrete signal detected in a transmission; and

programming at least one of said remote intermediate transmitter station and said at least one receiver station to assemble code based on discrete signals received at different times.

140. **(Amended)** The method of claim 130, wherein data is at least one of assembled and communicated in said network based on said at least one first instruction and said at least one second instruction, said method further having at least one step from the group consisting of:

FB Cond.
programming at least one of said remote intermediate transmitter station and said at least one receiver station to respond to at least one of a code and datum which is operative in said network to designate at least one of an information and a signal type to be at least one of assembled and communicated; and

programming at least one of said remote intermediate transmitter station and said at least one receiver station to respond to at least one of a code and a datum which at least one of designates and identifies said data.

141. **(Unchanged)** The method of claim 140, further comprising the step of:
programming said at least one receiver station to respond to at least one downloadable instruction which is transmitted from said remote intermediate transmitter station.

F14
142. **(Amended)** The method of claim 140, further comprising the step of:
programming at least one of said remote intermediate transmitter station and said at least one receiver station to organize at least one of said at least one first instruction and said at least one second instruction which operates in said network to at least one of designate and identify at least one of a location of at least one of said at least one signal and said data and a source communicating at least one of said at least one signal and said data.

143. **(Amended)** The method of claim 140, further comprising the step of:

F14
cond.

programming at least one of said remote intermediate transmitter station and said at least one receiver station to at least one of locate and identify said at least one of a code and a datum based on at least one of said at least one first instruction and said at least one second instruction.

F15

144. **(Twice Amended)** The method of claim 140, wherein said at least one second instruction includes said at least one of a code and a datum, said method further comprising the step of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to perform a step of comparison based on said at least one first instruction and said at least one second instruction.

145. **(Unchanged)** The method of claim 130, wherein said specific time is a scheduled time of transmitting said at least one signal from said remote intermediate transmitter station, said method further comprising the step of:

programming said remote intermediate transmitter station to control said at least one of said plurality of selective transfer devices prior to said scheduled time based on said at least one first instruction and said at least one second instruction.

F16

146. **(Amended)** The method of claim 130, wherein at least one of said remote intermediate transmitter station and said at least one receiver station includes a switch and a storage device, said method comprising the steps of:

programming at least one station in said network to respond to at least one switch control instruction; and

programming at least one station in said network to respond to at least one storage control instruction.

147. **(Amended)** The method of claim 130, wherein at least one of said remote intermediate transmitter station and said at least one receiver station includes a computer and a computer peripheral memory, said computer capable of communicating to a plurality of devices, said memory capable of storing said at least one signal, said method further comprising the steps of:

programming at least one station in said network to respond to at least one communication control instruction; and

programming at least one station in said network to respond to at least one storage control instruction.

148. **(Amended)** The method of claim 130, wherein at least one of said at least one first instruction and said at least one second instruction comprises at least one of a code and a datum which operates at said remote intermediate transmitter station to identify said at least one signal, said method further comprising the step of:

programming at least one station in said network to respond to a transmission schedule in respect of said at least one signal.

149. **(Amended)** The method of claim 148, wherein said transmission schedule controls communication of a plurality of signals of at least one of television, radio, data, and multimedia programming, said method further having at least one step from the group consisting of:

programming at least one of said remote intermediate transmitter station and said at least one receiver station to communicate at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming;

programming at least one of said remote intermediate transmitter station and said at least one receiver station to respond to at least one of a code and a datum which at least

one of designates and identifies at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming;

programming at least one of said remote intermediate transmitter station and said at least one receiver station to respond to an instruction which is operative in said network to output at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming from a storage location; and

programming at least one of said remote intermediate transmitter station and said at least one receiver station to respond to an instruction which is operative in said network to store at least one of said plurality of signals of at least one of television, radio, data, and multimedia programming.

1/6
cont.

150. **(Amended)** The method of claim 148, further comprising the step of:
programming at least one of said remote intermediate transmitter station and said at least one receiver station to communicate said at least one signal to at least one of a plurality of output devices and an output device a plurality of times.

151. **(Amended)** The method of claim 130, wherein said second storage location is at said at least one receiver station, said method further having at least one step from the group consisting of:

programming said network to respond to at least one of said at least one first instruction and said at least one second instruction which is operative to select a storage location; and

programming said network to respond to at least one of said at least one first instruction and said at least one second instruction which is operative to cause said network to store said at least one signal.

F17

152. **(Twice Amended)** The method of claim 108, wherein said signal comprises data.

Please cancel claims 153 to 217.

F18

218. **(Twice Amended)** A method of processing signals at at least one station that receives programming, said at least one station including a computer for controlling communication of said programming, said method comprising the steps of:
inputting at least one automation control instruction, said at least one automation control instruction controlling communication of said programming;
receiving said programming;
storing said received programming; and
storing said automation control instruction with said programming to enable said computer to subsequently control communication of said programming in accordance with said at least one automation control instruction.

219. **(Twice Amended)** The method of claim 218 further comprising the step of:
communicating said stored programming in accordance with said at least one automation control instruction.

Please cancel claim 220.

F19

221. **(Twice Amended)** The method of claim 218, wherein said programming is received in a carrier transmission, said method comprising the steps of:

demodulating said carrier transmission to detect an information transmission thereon, said information transmission including said at least one automation control instruction; and

detecting said at least one automation control instruction on said information transmission.

F19
cancel.

222. **(Twice Amended)** The method of claim 221, wherein said at least one automation control instruction includes a locating control instruction, wherein said locating control instruction comprises an identification code identifying said programming stored with said identification code.

Please cancel claims 223 to 243.

244. **(Twice Amended)** An apparatus located at a receiver station for processing signals, said apparatus comprising:

a programming storage device for storing at least one of radio programming and television programming;

F20
an input device for inputting said at least one of radio programming and television programming;

a signal detector operatively connected to said programming storage device for detecting signals stored in said programming storage device;

a communicator, operatively connected to said programming storage device, for communicating said at least one of radio programming and television programming and information identifying said at least one of radio programming and television programming to a subscriber;

a computer operatively connected to said input device, said signal detector and said communicator, wherein said computer is programmed to perform the following steps:

- (a) receiving said at least one of radio programming and television programming from said input device;
- (b) receiving said information identifying said at least one of radio programming and television programming;
- (c) selecting at least one of a plurality of storage locations on said programming storage device;
- (d) outputting said received at least one of radio programming and television programming to said programming storage device and controlling said programming storage device to store said outputted at least one of radio programming and television programming at said selected storage location of said programming storage device;
- (e) outputting said information identifying said at least one of radio programming and television programming to said programming storage device and controlling said programming storage device to store the information with said stored at least one of radio programming and television programming at said selected storage location;
- (f) causing said signal detector to detect said information identifying said at least one of radio programming and television programming stored on said programming storage device;
- (g) determining said selected storage location of said stored at least one of radio programming and television programming based on said step (f);
- (h) controlling said programming storage device to output said stored at least one of radio programming and television programming from said selected storage location to said communicator; and

F-20
4 cont

F20
Concl.

(i) controlling said communicator to communicate said at least one of radio programming and television programming to said subscriber.

245. (Unchanged) The apparatus of claim 244, wherein said input device further comprises:

a receiver for receiving and demodulating a carrier transmission including said at least one of radio programming and television programming.

246. (Unchanged.) The apparatus of claim 245, said apparatus further comprising:

a second detector operatively connected to said receiver and said computer for detecting signals in said carrier transmission.

247. (Unchanged) The apparatus of claim 246, wherein said second detector detects a signal instructing said computer to store said received at least one of radio programming and television programming, and wherein said computer performs at least one of said steps (c) - (e) in response to said second detector detecting said signal instructing said computer to store said received at least one of radio programming and television programming.

F21

248. (**Twice Amended**) The apparatus of claim 246, wherein said second detector detects a signal instructing said computer to communicate said stored at least one of radio programming and television programming to said subscriber, and wherein said computer performs at least one of said steps (f) - (i) in response to said second detector detecting said signal instructing said computer to communicate.

249. **(Twice Amended)** The apparatus of claim 244, said apparatus further comprising a programming storage/playback device for receiving at least one of tapes and discs including prerecorded portions of said at least one of radio programming and television programming.

250. **(Twice Amended)** The apparatus of claim 244, wherein said programming storage device further comprises a plurality of programming storage devices, and wherein said step (c) further comprises the step of:

selecting a first at least one of said plurality of programming storage devices for storing said received at least one of radio programming and television programming.

251. **(Twice Amended)** The apparatus of claim 250, said apparatus further comprising:

a switch operatively connected between said plurality of programming storage devices and said communicator for selectively connecting a second at least one of said plurality of storage devices to said communicator, and wherein said computer is programmed to further perform the step of:

at least one of configuring and controlling said switch to connect said second at least one of said plurality of storage devices to said communicator to allow said at least one of radio programming and television programming to be communicated to the subscriber.

Please cancel claims 252 to 262.

263. **(Twice Amended)** A method of communicating at least one of television signals and radio signals in a network including an origination station that transmits signals, at least one intermediate station that receives and selectively transmits

signals, and a subscriber station that receives signals from said at least one intermediate station, said method comprising the steps of:

storing at least one of television programming and radio programming at a first storage location in said network, said at least one of television programming and radio programming including at least audio;

transferring, under computer control, said at least one of television programming and radio programming from said first storage location to a second storage location at a selected one of said at least one intermediate station;

storing said at least one of television programming and radio programming at said second storage location to enable said selected one of said at least one intermediate station to communicate said stored at least one of television programming and radio programming from said second storage location to a subscriber station;

communicating a programming identification signal from said origination station to said selected one of said at least one intermediate station, said programming identification signal identifying said at least one of television programming and radio programming stored at said second storage location;

detecting, at said selected one of said at least one intermediate station, said programming identification signal communicated from said origination station;

communicating said at least one of television programming and radio programming identified by said programming identification signal from said second storage location to said subscriber station based on said step of detecting said programming identification signal.

264. **(Twice Amended)** The method of claim 263, wherein said step of storing said at least one of television programming and radio programming at said second storage location further comprises the steps of:

identifying said at least one of television programming and radio programming;

storing said at least one of television programming and radio programming in a file with identification information identifying said at least one of television programming and radio programming at said second storage location to enable subsequent identification of said stored at least one of television programming and radio programming.

F22
cancel

265. **(Twice Amended)** The method of claim 264, wherein said step of storing said at least one of television programming and radio programming in a file further comprises the step of:

embedding said identification information in said at least one of television programming and radio programming prior to said step of storing said at least one of television programming and radio programming with said identification information.

266. **(Twice Amended)** The method of claim 264, wherein said step of identifying further comprises the step of:

comparing said identified at least one of television programming and radio programming to previously stored information identifying a plurality of said at least one of television programming and radio programming.

Please cancel claims 267 through 269.

F23

270. **(Twice Amended)** The method of claim 263 further comprising the step of:

receiving said at least one of television programming and radio programming from a remote location.

271. **(Twice Amended)** The method of claim 263, wherein said step of storing said at least one of television programming and radio programming at said first storage location further comprises the step of:

loading said at least one of television programming and radio programming on a programming storage device.

272. **(Twice Amended)** The method of claim 271, wherein said step of loading further comprises:

loading a tape including pre-recorded material including said at least one of television programming and radio programming onto a video tape player/recorder.

273. **(Twice Amended)** The method of claim 271, wherein said step of loading further comprises:

at least one of loading and storing said at least one of television programming and radio programming on a video disk storage unit.

274. **(Twice Amended)** The method of claim 263, wherein said step of storing said at least one of television programming and radio programming at said first storage location further comprises the steps of:

receiving said at least one of television programming and radio programming at said selected one of said at least one intermediate station;

selecting a first storage location at said one of said at least one selected intermediate station; and

storing said at least one of television programming and radio programming at the selected first storage location at said at of said at least one intermediate station.

275. **(Twice Amended)** The method of claim 263, wherein said step of storing at a storage location in said network further comprises the steps of:

receiving said at least one of television programming and radio programming at said selected one of said at least one intermediate station;

selecting a first of a plurality of storage devices at said selected one of said at least one intermediate station;

storing said at least one of television programming and radio programming on said first of said plurality of storage devices.

276. **(Twice Amended)** The method of claim 275, wherein said step of transferring further comprises the steps of:

selecting a second of said plurality of storage devices at said selected one of at least one intermediate station; and

transferring, under computer control, said at least one of television programming and radio programming from said first of said plurality of storage devices to a second storage location at said selected one of at least one intermediate station.

277. **(Twice Amended)** The method of claim 276, wherein said step of storing said at least one of television programming and radio programming at said second storage location further comprises the step of:

storing said at least one of television programming and radio programming at said second of said plurality of storage devices to enable said selected one of at least one intermediate station to communicate said stored at least one of television programming and radio programming from said second of said plurality of storage devices to said subscriber station.

278. **(Twice Amended)** The method of claim 277, wherein said step of communicating said at least one of television programming and radio programming further comprises the step of:

communicating said at least one of television programming and radio programming identified by said programming identification signal from said second of said plurality of storage devices to said subscriber station based on detecting said programming identification signal.

279. **(Twice Amended)** The method of claim 263 further comprising:
logging said step of communicating said at least one of television programming and radio programming.

280. **(Twice Amended)** The method of claim 263, wherein said step of communicating said at least one of television programming and radio programming further comprises the step of:

communicating identification information identifying said at least one of television programming and radio programming with said at least one of television programming and radio programming from said second storage location to said subscriber station.

281. **(Twice Amended)** The method of claim 280 further comprising the step of:

logging said step of communicating said at least one of television programming and radio programming to said subscriber station.

282. **(Twice Amended)** The method of claim 281, wherein said step of logging comprises the steps of:

detecting said identification information communicated from said second storage location during said step of communicating said at least one of television programming and radio programming;

recording information indicating that said at least one of television programming and radio programming was communicated to said subscriber station based on said step of detecting said identification information.

283. **(Twice Amended)** A method of communicating at least one of television signals and radio signals in a network including a plurality of stations, said plurality of stations including an origination station that transmits signals, at least one intermediate station that receives and selectively transmits signals, a plurality of storage devices, and a plurality of subscriber stations that receive signals from said at least one intermediate station, said method comprising the steps of:

storing at least one of television programming and radio programming at a first storage location at a first station of said plurality of stations in said network, said at least one of television programming and radio programming including at least audio;

transferring, under computer control, said at least one of television programming and radio programming from said first storage location of the first station to a second storage location of said first station;

storing said at least one of television programming and radio programming at said second storage location to enable selective transmission of said at least one of television programming and radio programming from said first station to a second station of said plurality of stations.

284. **(Twice Amended)** The method of claim 283, wherein at least one of said first station and said second station includes a selected intermediate station, said first storage location and said second storage location including first and second storage

locations at said selected intermediate station, said method further comprising the steps of:

communicating a programming identification signal from said origination station to said selected intermediate station, said programming identification signal identifying said at least one of television programming and radio programming stored at said second storage location;

detecting, at said selected intermediate station, said programming identification signal communicated from said origination station;

communicating said at least one of television programming and radio programming identified by said programming identification signal from said second storage location to at least one of said plurality of subscriber stations in response to detecting said programming identification signal.

3
2
1
CONF

285. **(Twice Amended)** The method of claim 284 further comprising the step of:

logging that said at least one of television programming and radio programming was communicated from said second storage location to at least one of said plurality of subscriber stations.

286. **(Twice Amended)** The method of claim 285, wherein said step of logging further comprises the steps of:

detecting embedded identification data in said communicated at least one of television programming and radio programming; and

recording information indicating that said at least one of television programming and radio programming was communicated based on said step of detecting.

287. **(Twice Amended)** The method of claim 283, wherein said step of storing at said second storage location further comprises the steps of:

identifying said at least one of television programming and radio programming;

embedding identification data in said at least one of television programming and radio programming, said identification data identifying said at least one of television programming and radio programming;

storing said at least one of television programming and radio programming with said embedded identification data at said second storage location; and

enabling communication of said at least one of television programming and radio programming from said second station to said third station of said plurality of stations.

288. **(Twice Amended)** The method of claim 283, wherein said step of storing at a first storage location includes storing a first unit and a second unit of said at least one of television programming and radio programming on a first of said plurality of storage devices, said step of storing said at least one of television programming and radio programming at a second storage location further comprising the steps of:

- (a) reordering said first unit and second unit into a new order; and
- (b) storing said first unit and second unit on a second of said plurality of storage devices in said new order.

Please cancel claim 289.

290. **(Twice Amended)** A network of stations comprising:

an origination station including a transmitter for transmitting at least one of television programming and radio programming with programming identification signals, said at least one of television programming and radio programming including at least audio;

a plurality of intermediate stations for receiving, processing and selectively retransmitting said at least one of television programming and radio programming with the programming identification signals received from said origination station, each of said plurality of intermediate stations including:

(a) a receiver for receiving said at least one of television programming and radio programming with the programming identification signals from said origination station;

(b) a signal detector for detecting the programming identification signals;

(c) a plurality of programming storage devices for storing said at least one of television programming and radio programming;

(d) a computer operatively connected to said receiver, said signal detector and said plurality of programming storage devices, said computer programmed to perform the following steps:

(1) selecting said at least one of television programming and radio programming received by said receiver based on the programming identification signals detected by said signal detector;

(2) routing the selected at least one of television programming and radio programming to a first of said plurality of programming storage devices;

(3) controlling said first of said plurality of programming storage devices to store the selected at least one of television programming and radio programming on said first of said plurality of programming storage devices;

(4) transferring the selected at least one of television programming and radio programming from said first of said plurality of programming storage devices to a second of said plurality of programming storage devices;

(5) controlling said second of said plurality of programming storage devices to store the selected at least one of television programming and radio programming on said second of said plurality of programming storage devices; and

24
cont.

F24
concl.

(6) communicating the selected at least one of television programming and radio programming from said second of said plurality of programming storage devices to a subscriber station; and

the subscriber station comprising a receiver for receiving programming.

Please cancel claims 291 to 292.

293. (Unchanged) A method of communicating programming to at least one receiver station, said at least one receiver station including one of a broadcast programming receiver and a cablecast programming receiver, an output device, a control signal detector, a processor operably connected to said output device, and with said at least one receiver station adapted to detect and respond to at least one instruct signal, said method of communicating comprising the steps of:

receiving said programming to be transmitted at a transmitter station and delivering said programming to a transmitter;

receiving and storing said at least one instruct signal at said transmitter station, said at least one instruct signal at the at least one receiver station operating to identify and control communication of said programming;

transferring said at least one instruct signal to said transmitter; and

transmitting from said transmitter station an information transmission including said programming and said at least one instruct signal.

Please cancel claims 294 to 399.